

OPTICAL DISK DRIVE

Abstract

An optical disk drive includes a mounting plate, a guide bar, a fixing structure for positioning the guide bar on the mounting plate, and a pickup head guided by the guide bar and moveable along a lengthwise direction of the guide bar. The fixing structure includes a fixed joint and a flexible pressure-providing joint. The fixed joint rigidly fixes one end of the guide bar to the mounting plate, the flexible pressure-providing joint positions another end of the guide bar on the mounting plate, and the two ends of the guide bar are fixed in their relative positions due to a flatness of the mounting plate and despite a positioning action of the fixing structure such that linear movement of the pickup head is guided by the guide bar.